

FIG. 2

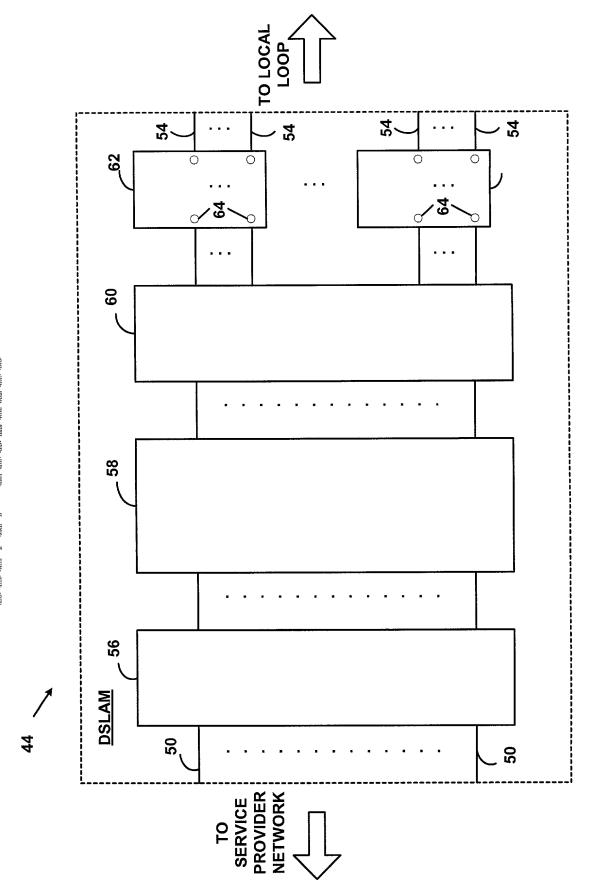


FIG. 3

*** ***

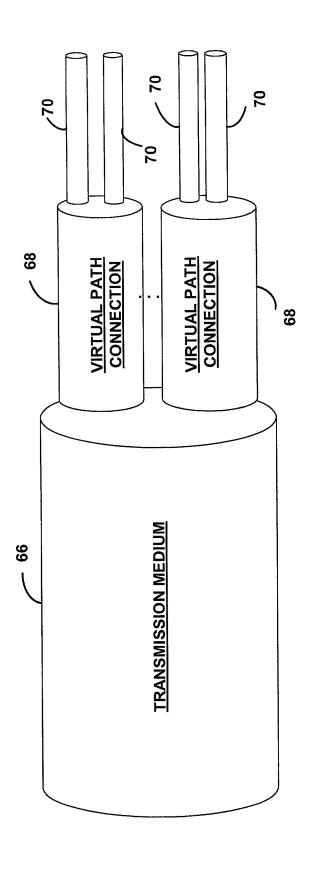
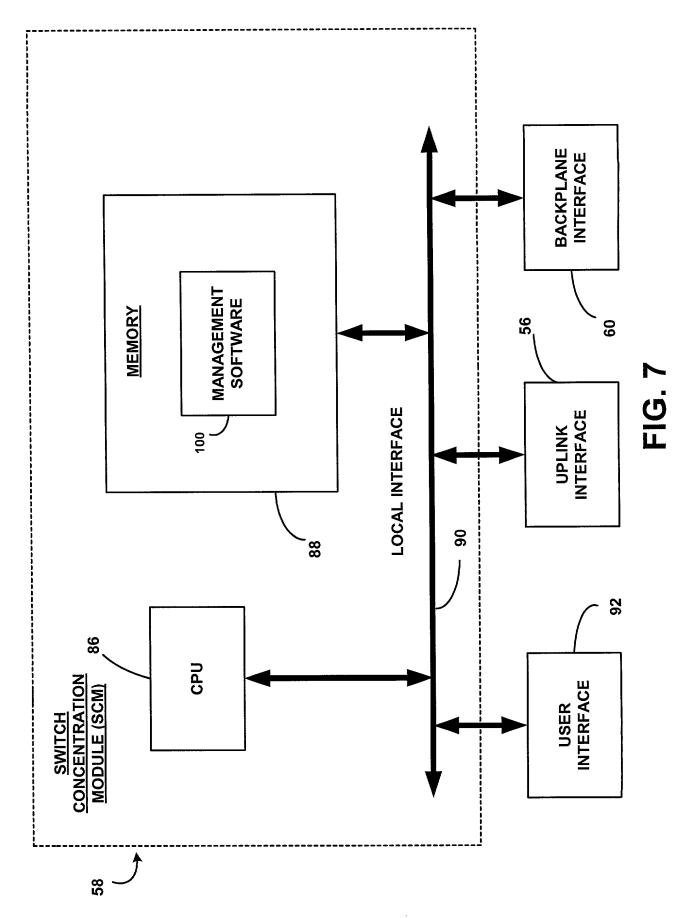


FIG. 4

FIG. 5

FIG



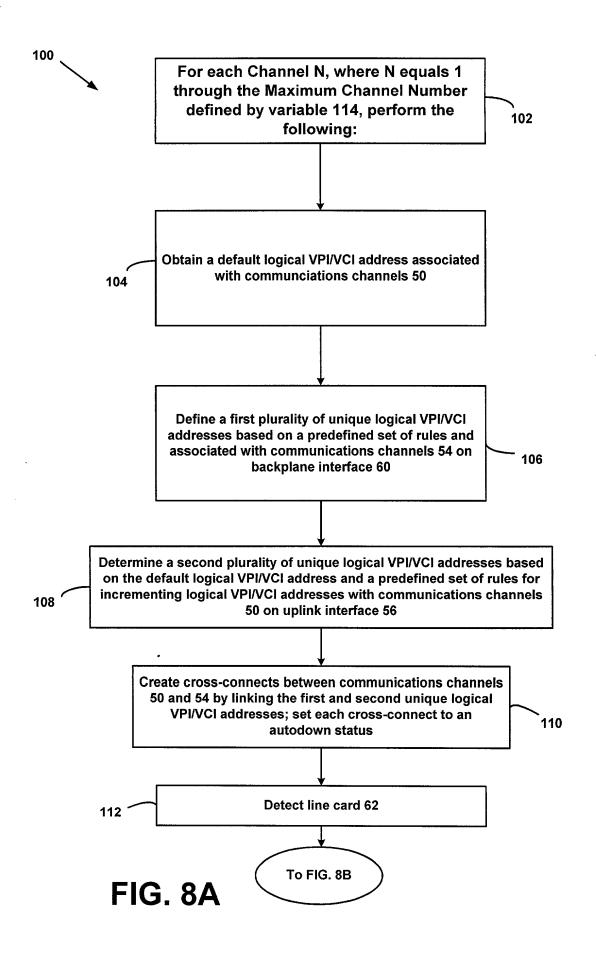


FIG. 8B

144	LINE CARD VARIABLE	VALUE
<u>146</u>	SLOT#	
<u>148</u>	NUMBER OF PORTS	
<u>150</u>	REQUESTED NUMBER OF	
	CHANNELS PER PORT	
<u>152</u>	REQUESTED TRAFFIC	
	PROFILE INDICATOR PER	
	CHANNEL	

FIG. 9

154	DSL PORT VARIABLE	VALUE
<u>154</u>	DSL PORT #	
<u>156</u>	MAX VPI	
<u>158</u>	MAX VCI	
<u>160</u>	STATUS	
<u>162</u>	CONFIGURATION	
	PARAMETERS	
	(# channels, ATM parameters,	
	upstream and downstream rate	
	table, etc.)	

FIG. 10

<u>166</u>	BACKPLANE INTERFACE	VALUE
ent at	VARIABLE	The second secon
<u>168</u>	INTERFACE ID	
<u>170</u>	MAX VPI	
<u>172</u>	MAX VCI	
<u>174</u>	STATUS	
<u>176</u>	OTHER PARAMETERS	

FIG. 11

Service of the servic	UPLINK INTERFACE VARIABLE	VALUE
180	INTERFACE ID	
182	MAX VPI	
184	MAX VCI	
<u>186</u>	STATUS	
188	OTHER PARAMETERS	

FIG. 12

190	CROSS-CONNECT VARIABLE	*	VÄLL	
192	CROSS CONNECT ID			
194	IFINDEX1		***	
<u>196</u>	VPI1			
200	VCI1			
202	IFINDEX2			
204	VPI2			
206	VCI2			

FIG. 13

216 STATUS 216 STATUS EACKPLANE INTERFACE: VPI:VCI VPI VP	CROSS-CONNECTION TABLE CROSS-CONNECTION TABLE				
UPLINK INTERFACE:VPI:VC UPLINK INTERFACE = Ifup = 1 [VPI0 ≤ VPI ≤ VPIm]	UPLINK INTERFACE:VPI:VC UPLINK INTERFACE = Ifup = 1 VPIO ≤ VPI ≤ VPIm] VCIO ≤ VCI ≤ VCIm] [p = number of ports per card] [c = number of cards in system] IFup:VPIO:VCIO+1 IFup:VPIO:VCIO+2 IFup:VPIO:VCIO+2 IFup:VPIO:VCIO++1 IFup:VPIO:VCIO++1 IFup:VPIO:VCIO++2-2 IFup:VPIO:VCIO+p*2-1 IFup:VPIO:VCIO+p*2-1 IFup:VPIO:VCIO+p*2-1 IFup:VPIO:VCIO+p*2-1 IFup:VPIO:VCIO+p*2-1 IFup:VPIO:VCIO+p*2-1 IFup:VPIO:VCIO+p*2-1 IFup:VPIO:VCIO+p*(c-2)+1 IFup:VPIO:VCIO+p*(c-2)+1 IFup:VPIO:VCIO+p*(c-2)+1	210	CRC	SS-CONNECTION TA	ABLE
		212	UPLINK INTERFACE:VPI:VCI		_
			[UPLINK INTERFACE = Ifup = 1] [VPI0 < VPI < VPIm] [VCI0 < VCI < VCIm] [p = number of ports per card] [c = number of cards in system]		[IF1 ≤ BACKPLANE INTERFACE ≤ IFc] [VPI0 = fixed starting VPI] [VCI0 fixed starting VCI] [p = number of ports per card] [c = number of cards in system]
			IFup:VPI0:VCI0		IF1:VPI0:VCI0
			IFup:VPI0:VCI0+1		IF1:VPI0+1:VCI0
		, and a second			•
			IFup:VPI0:VCI0+p-2		IF1:VPI0+p-2:VCI0
			IFup:VPI0:VCI0+p-1		IF1:VPI0+p-1:VCI0
			IFup:VPI0:VCI0+p		IF2:VP10/ VC10
			IFup:VPI0:VCI0+p+1		IF2:VPI0+1:VCI0
			IFup:VPI0:VCI0+p*2-2		IF2:VPI0+p-2:VCI0
			IFup:VPI0:VCI0+p*2-1		IF2:VPI0+p-1:VCI0
					OION /OIGN: 631
			IFUD: VCIO+P (C-1/2)		11 2:41 10. VOID
•			IFup:VPI0:VCI0+p*(c-2)+1		172.471041.4010
The state of the s					

FIG. 14A

UPLINK INTERFACE:VPI:VC UPLINK INTERFACE = Ifup = 1]	STATUS	BACKPLANE INTERFACE:VPI:VC IF1 ≤ BACKPLANE INTERFACE ≤ IFc [VPI0 = fixed starting VPI] [VCI0 fixed starting VCI] [p = number of ports per card] [c = number of cards in system] IFC:VPI0+p-2:VCI0
[UPLINK INTERFACE = Ifup = 1] [VPI0 ≤ VPI ≤ VPIm] [VCI0 ≤ VCI ≤ VCIm] [p = number of ports per card] [c = number of cards in system] [c = number of ports per card] [c = number of cards in system] [c = number of cards in syst		[IF1 ≤ BACKPLANE INTERFACE ≤ IFc] [VPI0 = fixed starting VPI] [VCI0 fixed starting VCI] [p = number of ports per card] [c = number of cards in system] IFC:VPI0+p-2:VCI0
Fup:VPI0:VCI0+p*(c-1)-2 Fup:VPI0:VCI0+p*(c-1)-1 Fup:VPI1:VCI1 		IFc:VPI0+p-2:VCI0
Fup:VPI1:VCI1 		IFc:VPI0+p-1:VCI0
Fup:VPI1:VCI1+1 		IF1:VPI0:VCI1
IFup:VPH:VCI1+p-2 IFup:VPH:VCI1+p-1 IFup:VPI1:VCI1+p		IF1:VPI0+1:VCI1
IFup:VPI1:VCI1+p-2 IFup:VPI1:VCI1+p-1 IFup:VPI1:VCI1+p		-
IFup:VPI1:VCI1+p-1 IFup:VPI1:VCI1+p		IF1:VPI0+p-2:VCI1
IFup:VPI1:VCI1+p		IF1:VPI0+p-1:VCI1
		IF2:VPI0/ VCI1
IFup:VPI1:VCI1+p+1		IF2:VPI0+1:VCI1
-		•
IFup:VPI1:VCI1+p*(c-2)		IF2:VPi0/ VCI1
IFup:VPI1:VCI1+p*(c-2)+1		IF2:VPI0+1:VCI1
•		•

FIG. 14B

21 <u>0</u> CRO	CROSS-CONNECTION TABLE	\BLE
212 UPLINK INTERFACE:VPI:VCI	216 STATUS	214 BACKPLANE INTERFACE:VPI:VCI
[UPLINK INTERFACE = Ifup = 1] [VPI0 ≤ VPI ≤ VPIm] [VCI0 ≤ VCI ≤ VCIm] [p = number of ports per card] [c = number of cards in system]		[IF1 ≤ BACKPLANE INTERFACE ≤ IFc] [VP10 = fixed starting VP1] [VC10 fixed starting VC1] [p = number of ports per card] [c = number of cards in system]
IFup:VPI1:VCI1+p*(c-1)-2		IFc:VPI0+p-2:VCI1
IFup:VPI1:VCI1+p*(c-1)-1		IFc:VPI0+p-1:VCI1
IFuo:VPIm:VCIm		iF1:VPI0:VCIc-1
IFup:VPIm:VCIm+1		IF1:VPI0+1:VCIc-1
		•
IFup:VPIm:VCIm+p-2		IF1:VPI0+p-2:VClc-1
IFup:VPIm:VCIm+p-1		IF1:VPI0+p-1:VCIc-1
IFup:VPIm:VCIm+p		IF2:VPI1/ VCIc-1
IFup:VPIm:VCIm+p+1		IF2:VPI2:VCIc-1
•		-
IFup:VPIm:VCIm+p*(c-2)		IF2:VPI0/ VCI0
IFup:VPIm:VCIm+p*(c-2)+1		IF2:VPI0+1:VCI0

FIG. 14C

220	VCL VARIABLE	VALUE
222	IFINDEX	
224	VPI	
226	VCI	
228	TRAFFIC PROFILE UP	
230	TRAFFIC PROFILE DOWN	

FIG. 15

232 AUTO-CONFIGURA	ATION RECORD
AUTO-CONFIGURATION VARIABLE	VALUE
234 INTERFACE ID	
234 INTERFACE ID 236 CHANNEL	

FIG. 16

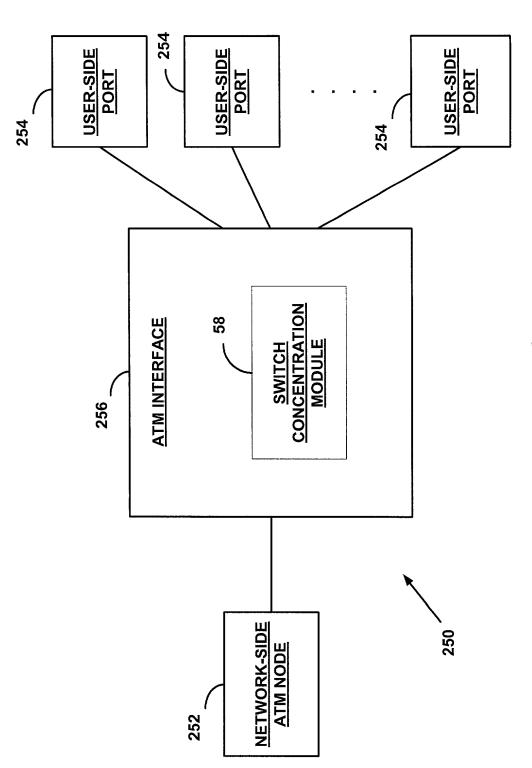
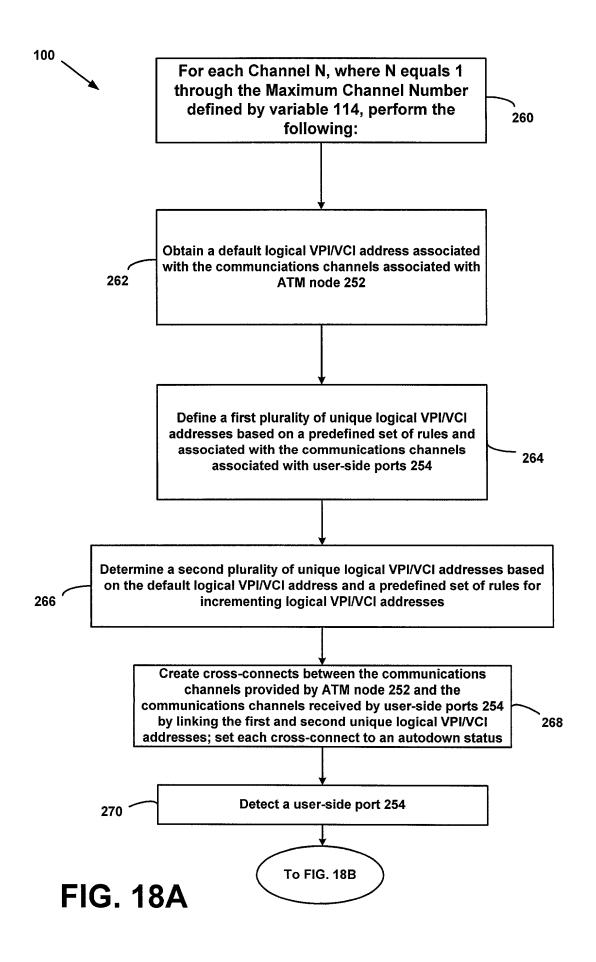


FIG. 17



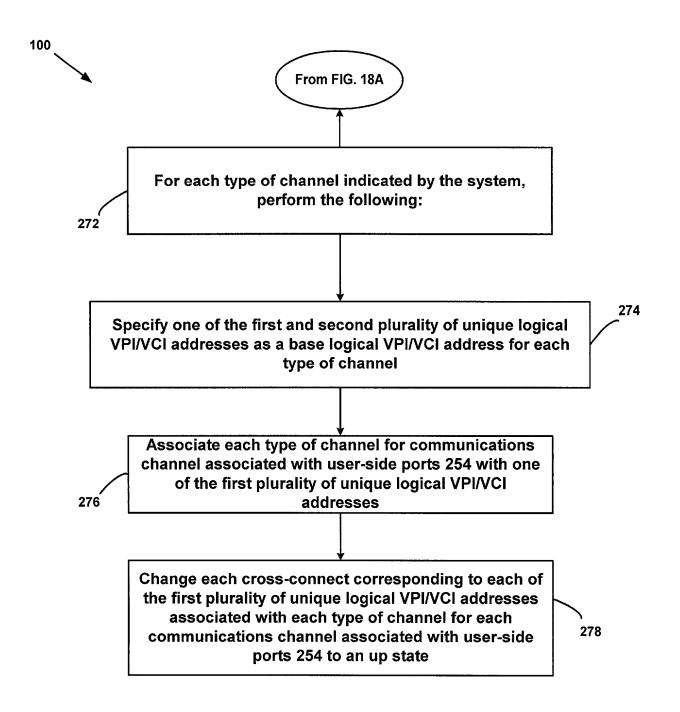


FIG. 18B